AMENDMENTS TO THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently Amended) A mobile communication system, comprising a plurality of base stations which are located at appropriate positions within a predetermined area and conduct radio communications with a mobile communication terminal, and an exchange office which is connected with said base stations and conducts an exchange control toward an external network, said exchange office conducting a Time Division Multiplex radio communication by providing a synchronizing signal from said exchange office to each of said base stations,

said exchange office further comprising:

delay time detection means for detecting an arrival delay time of said synchronizing signal to each of said base stations;

computation means for computing a timing correction value for each base station which synchronizes a radio communication timing of all of said base stations on the basis of a delay time detected; and

correction means for correcting said synchronizing signal supplied to said base stations according to said timing correction value, ~~according to claim 1,~~ wherein:

said system comprises switching means for selectively switching an operating conditions thereof to normal and test operating conditions, and makes said delay time detection means operate when said system is in a test operation mode.

6. (Currently Amended) A mobile communication system, comprising a plurality of base stations which are located at appropriate positions within a predetermined area and conduct radio communications with a mobile communication terminal, and an exchange office which is connected with said base stations and conducts an exchange control toward an external network, said exchange office conducting a Time Division Multiplex radio communication by providing a synchronizing signal from said exchange office to each of said base stations,

said exchange office further comprising:

delay time detection means for detecting an arrival delay time of said synchronizing signal to each of said base stations;

computation means for computing a timing correction value for each base station which synchronizes a radio communication timing of all of said base stations on the basis of a delay time detected; and

correction means for correcting said synchronizing signal supplied to said base stations according to said timing correction value;

said delay detection means comprises:

means installed in said exchange office for generating a test signal for delay time detection and sending said test signal to said base stations;

means for sending by return said test signal sent from said exchange office at said base station; and

measuring means for receiving said test signal sent by return from said base stations and for measuring a time difference between time of transmission and arrival of said test signal, ~~according to claim 2,~~ wherein:

said system comprises switching means for selectively switching an operating conditions thereof to normal and test operating conditions, and makes said delay time detection means operate when said system is in a test operation mode.

7. (Currently Amended) A mobile communication system, comprising a plurality of base stations which are located at appropriate positions within a predetermined area and conduct radio communications with a mobile communication terminal, and an exchange office which is connected with said base stations and conducts an exchange control toward an external network, said exchange office conducting a Time Division Multiplex radio communication by providing a synchronizing signal from said exchange office to each of said base stations,

said exchange office further comprising:

delay time detection means for detecting an arrival delay time of said synchronizing signal to each of said base stations;

computation means for computing a timing correction value for each base station which synchronizes a radio communication timing of all of said base stations on the basis of a delay time detected; and

correction means for correcting said synchronizing signal supplied to said base stations according to said timing correction value;

said delay detection means comprises:

means installed in said exchange office for generating a test signal for delay time detection and sending said test signal to said base stations;

means for sending by return said test signal sent from said exchange office at said base station; and

measuring means for receiving said test signal sent by return from said base stations and for measuring a time difference between time of transmission and arrival of said test signal;

said computing means establishes a predetermined standard value and computes a difference between said standard value and a delay time of each of said base stations and said timing correction value, ~~according to claim 3,~~ wherein:

said system comprises switching means for selectively switching an operating conditions thereof to normal and test operating conditions, and makes said delay time detection means operate when said system is in a test operation mode.

8. (Currently Amended) A mobile communication system, comprising a plurality of base stations which are located at appropriate positions within a predetermined area and conduct radio communications with a mobile communication terminal, and an exchange office which is connected with said base stations and conducts an exchange control toward an external network, said exchange office conducting a Time Division Multiplex radio communication by providing a synchronizing signal from said exchange office to each of said base stations,

said exchange office further comprising:

delay time detection means for detecting an arrival delay time of said synchronizing signal to each of said base stations;

computation means for computing a timing correction value for each base station which synchronizes a radio communication timing of all of said base stations on the basis of a delay time detected; and

correction means for correcting said synchronizing signal supplied to said base stations according to said timing correction value;

said delay detection means comprises:

means installed in said exchange office for generating a test signal for delay time detection and sending said test signal to said base stations;

means for sending by return said test signal sent from said exchange office at said base station; and

measuring means for receiving said test signal sent by return from said base stations and for measuring a time difference between time of transmission and arrival of said test signal;

said computing means establishes a predetermined standard value and computes a difference between said standard value and a delay time of each of said base stations and said timing correction value;

said computing means establishes a predetermined standard value and computes a difference between said standard value and a delay time of each of said base stations as said timing correction value, ~~according to claim 4,~~ wherein:

said system comprises switching means for selectively switching an operating conditions thereof to normal and test operating conditions, and makes said delay time detection means operate when said system is in a test operation mode.

9. (Original) A mobile communication system according to claim 5, wherein:

said system executes said test operation mode when operating said system for the first time and/or terminating a maintenance operation including additional installation of said base stations.

10. (Original) A mobile communication system according to claim 6, wherein:

said system executes said test operation mode when operating said system for the first time and/or terminating a maintenance operation including additional installation of said base stations.

11. (Original) A mobile communication system, according to claim 7, wherein:

said system executes said test operation mode when operating said system for the first time and/or terminating a maintenance operation including additional installation of said base stations.

12. (Original) A mobile communication system, according to claim 8, wherein:

said system execute said test operation mode when operating said system for the first time and/or terminating a maintenance operation including additional installation of said base stations.

13. (Canceled)